

Appendix A

Glossary

A-E	Architect-engineer firm.	Cell/block	A permanent association of elements that can be stored and placed as a group and then manipulated as a group of individual elements.
Application	Software designed to meet software-specific needs and perform specific tasks, unlike system software which runs other software.	Compatible	Data that can be accessed directly by the target CADD software and platform without translation or preprocessing of data files.
Attribute	Descriptive or characteristic information concerning a particular graphical object or entity.	CPU	Central processing unit. Refers to the computer's main processing chip, or "brain" of the machine.
AutoCAD	CADD software program developed by Autodesk, Inc., registered and trademarked by Autodesk, Inc.	Cross-hatch	A specific configuration of hatch lines used to aid in delineating graphical features.
Bit-mapped	Also raster image. A digital image made up of pixels (on-screen dots).	Data	Information, the components of products, and the products themselves.
CADD	Computer-aided design and drafting.	Database	A collection of information organized for easy retrieval. Databases are organized into a hierarchy of files having a predetermined structure and organization that can be communicated, interpreted, or processed by a specific program.
CBD	<i>Commerce Business Daily</i> .		
CD-ROM	Compact disc, read-only memory. A form of data storage that uses laser optics rather than magnetic means for reading data.		

Directory	A file that contains the names of other files.		but are not required to display or plot the graphical entity or object.
Diskette	Also called floppy diskette. A flat piece of flexible plastic covered with a magnetic coating which is used to store digital data. Current sizes are 5.25 in. and 3.5 in.	Operating	A computer software program system which provides commands and functions used by other computer programs to communicate with the computer hardware equipment.
File	A group of related information.	Oracle	A relational database management system, developed by Oracle Corporation, registered and trademarked by Oracle Corporation.
File format	A defined digital organization and arrangement which determines how a computer file will be written and displayed on screen or in print.	Origin	In coordinate geometry, the point where the x-, y-, and z-axes intersect.
Informix	A relational database management system developed by Informix Software, Inc., registered and trademarked by Informix Software, Inc.	Paint	A software program using pixel program(raster) images to permit electronic painting and drawing.
Line style/	A specific line pattern which type has vector properties and is used to delineate between different graphical entities which are represented by lines or polygons.	Path	The route consisting of drive and directory address used by the operating system to find a program or file.
Links	An electronic relationship between similar attributes or fields in a database.	Pattern	A specific configuration of lines, dots, or other graphical objects used to aid in delineating graphical features.
MicroStation	The CADD software program developed by Bentley, Inc., for Windows NT and 95 based PC's and Workstations, registered and trademarked by Bentley, Inc.	PC	Personal computer with an Intel, or Intel-compatible, CPU. Normally contains a pentium CPU for CADD applications.
MS-DOS	Microsoft Disk Operating System, a registered trademark of the Microsoft Corporation. Software that allows application programs to interact with the computer's hardware and translates the user's commands.	Pixel	Tiny dots grouped together to form the images displayed on the computer screen.
Nongraphic	Data which provide information about a graphical entity or object,	Plane	A spatial element in geometry that may or may not have a boundary, but is level, having no elevations or depressions, and is two-dimensional.
		Relational	A database management system

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database management system	that uses SQL, the structured query language originally developed by IBM, to implement and query data in relational tables.	developed by AT&T Bell Laboratories.
Resolution	A means for defining the sharpness or clarity of a computer image made of pixels. The higher the resolution, the clearer the image.	Vector A quantity possessing both magnitude and direction, generally represented by a line. Vectors can be manipulated geometrically and are represented as a coordinate triple (x, y, z).
Scanner	An electronic device which converts an image from paper into a raster image stored in an electronic computer file.	Windows Windows operating system software, a registered trademark of the Microsoft Corporation. Software that provides a graphical interface, allowing application programs to interact with the computer hardware and translates the user's commands. Windows, version 3.1 and below, requires MS-DOS to operate.
Software	An electronic digital program which contains instructions used to perform certain tasks on a computer or to manage a computer's operation.	Windows NT Windows New Technology operating system, a registered trademark of the Microsoft Corporation. Software that allows application programs to interact with the PC or workstation hardware, translates the user's commands, and does not require MS-DOS to operate.
Structured query language	Language originally developed by IBM for creating, modifying, and querying relational databases. Has evolved into an ANSI, ISO, and FIPS standard.	
Target	The type of computer hardware, CADD operating system software, basic system CADD software, CADD application software, and database software on which the data from a digital CADD file must be directly accessible without translation or preprocessing.	Workstation A terminal that contains an internal CPU and can operate in a stand-alone mode or as part of a network.
Text font	A specific style and size of letters, characters, and numbers.	PKZIP/ A shareware utility computer PKUNZIP software program which provides for compression and decompression of programs and files.
Target	Office or organization which installation will be using the CADD-generated data and files.	
UNIX	The operating system and family of related utilities originally	